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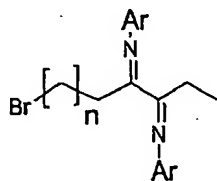
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sation of olefins.

(57) Abstract: The present invention discloses a method for preparing a supported catalyst component comprising the steps of: a) providing a halogenated bisimine precursor component of formula (I); b) reacting the halogenated bisimine precursor with an ionic liquid precursor in a solvent to prepare an ionic liquid; c) reacting the ionic liquid prepared in step b) with a metallic complex of formula (II)  $\text{L}_2\text{MY}_2$ ; wherein L is a labile ligand, M is a metal selected from Ni or Pd and Y is a halogen; d) retrieving a single site catalyst component dissolved in an ionic liquid. It also discloses an active catalyst system dissolved in an ionic liquid and its use in the polymeri-

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